

ABSTRACT

A dual AC and DC input DC power supply is provided according to an embodiment of the invention. The power supply includes a DC output stage that outputs a predetermined DC electrical power and an AC input stage connected to the DC output stage. The AC input stage is configured to convert AC electrical power at the AC input stage into the predetermined DC electrical power available at the DC output stage. The power supply further includes a DC input stage connected to the DC output stage. The DC input stage is configured to convert DC electrical power at the DC input stage into the predetermined DC electrical power available at the DC output stage.